

Morbidity and Mortality

Weekly
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED JANUARY 25, 1964

DIPHTHERIA - A total of 6 cases of diphtheria were reported for the week ended January 25. Washington reported 4 cases, 2 of which represented delayed reports. All 4 cases occurred in Indians living on the Yakima Reservation. In addition, 7 carriers have been detected among household and classroom contacts.

The 4 cases occurred in 11-, 13-, and 27-year-old females and a 19-year-old man; onset dates were December 8 and 17, and January 7 and 8. Two individuals were

inadequately immunized; one, a mild case, had received a booster dose in 1958; the vaccination status of the fourth is unknown.

POLIOMYELITIS - Two cases of paralytic poliomyelitis were reported for the week ended January 25. These are the first 2 cases of paralytic poliomyelitis reported in 1964. This week's cases were reported from Florida, one from Duval County, the other from Dade County.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

Disease	4th Week Ended		Median 1959 - 1963	Cumulative, First 4 Weeks		
	January 25, 1964	January 26, 1963		1964	1963	Median 1959 - 1963
Aseptic meningitis	27	26	---	115	105	---
Brucellosis	9	6	7	18	18	30
Diphtheria	6	8	22	17	22	83
Encephalitis, primary infectious ..	22	---	---	74	---	---
Encephalitis, post-infectious	12	-22	---	50	61	---
Hepatitis, infectious including serum hepatitis	1,106	1,129	1,129	3,441	4,096	4,096
Measles	6,985	8,908	9,414	20,969	30,020	31,461
Meningococcal infections	48	45	51	190	202	212
Poliomyelitis, Total	2	7	8	3	15	41
Paralytic	2	6	5	2	13	23
Nonparalytic	-	1	---	1	2	---
Unspecified	-	-	---	-	-	---
Streptococcal Sore Throat and Scarlet fever	10,078	9,470	---	33,688	33,016	---
Tetanus	5	7	---	19	20	---
Tularemia	7	2	---	36	17	---
Typhoid fever	2	9	9	18	21	30
Rabies in Animals	81	52	57	241	213	228

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	-	Psittacosis:	1
Botulism:	-	Rabies in Man:	-
Leptospirosis: Hawaii - 1	2	Smallpox:	-
Malaria: N.Y. City - 1	6	Typhus:	-
Plague:	-	Murine:	-
		Rky Mt. Spotted:	3

EPIDEMIOLOGICAL REPORTS

Scombroid Fish Poisoning - California

Seven of 8 guests became ill with an unusual form of fish poisoning from 15 minutes to 3 hours after eating barbecued Spanish mackerel at a private luncheon in Los Angeles County. All 7 victims ate the Spanish mackerel, while the one guest who remained well did not consume any fish.

All 7 victims experienced diarrhea. Five victims complained of a headache, 3 experienced nausea, 3 had abdominal cramps, and 2 noted a flushing of the face. (See table below). Two women noted a very biting and astringent taste at the time of ingestion; they were the only guests to describe an abnormal taste.

Case No.	Infection Interval to Symptom (mins)	Biting Taste	Headache	Flushing	Nausea	Vomiting	Diarrhea	Abdominal Cramps
1	15							X
2	30	X	X	X			X	X
3	60	X	X	X			X	X
4	120		X		X	X	X	
5	120		X		X		X	
6	150						X	
7	180		X		X		X	

The average duration of the victims' symptoms was 6 hours and none required hospitalization. No cultures were obtained from the victims.

Twenty Spanish mackerel, obtained from one of the fishing boats docked in a California port, had been brought to the host's home the day before the luncheon. The fish had not been iced nor placed under any refrigeration for at least 7 hours. They were then frozen. Those fish used for the luncheon were removed, thawed, and cooked the following day.

At the time of the epidemiologic investigation, 4 frozen, uncooked Spanish mackerel remained in the host's freezer. After these remaining fish were allowed to thaw, cultures were obtained; *Proteus morgani* and *P. vulgaris* were identified.

Other individuals who had eaten the Spanish mackerel obtained from the same catch did not become ill. These individuals, however, had either consumed the fish fresh or after proper refrigeration.

The California health authorities concluded that the fish served at this particular luncheon had partially decomposed during the period of time when they were unrefrigerated.

(Reported by F. A. Listick, Sanitarian, Los Angeles City Health Department, and Dr. Philip K. Condit, Chief, Bureau of Communicable Diseases, California State Department of Health.)

Editor's Note: Scombroid fish poisoning derives its name from the suborder Scombroidea of the order Acauthopterygii

(spiny-rayed fishes). This suborder includes the true mackerels, the Spanish mackerels, the skipjacks, and the tunas.

Scombroid fish poisoning can be attributed to the bacterial action of certain strains of *Proteus* resulting in the elaboration of an orally effective histamine-like substance which has been recently termed "saurine".¹

REFERENCES

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- Helfrich, P.: Fish poisoning in Hawaii. Hawaii Med. J. 22: 361-372, May-June 1963.
- Kawabata, T., Ishizaka, K., and Miura, T.: Studies on the allergy-like food poisoning associated with putrefaction of marine products. Japanese Journal of Med. Science & Biology 8(6):487-528, December 1955.

Staphylococcal Food Poisoning - Louisiana

Approximately 150 individuals experienced vomiting, abdominal pain, and diarrhea from 2-4 hours after eating chicken salad sandwiches purchased at a festival in Opelousas. Of these, 39 were hospitalized. No fatalities occurred.

When 2 physicians reported to the local health officer that 7 patients had experienced the above symptoms after eating chicken salad sandwiches sold in connection with the festival, he requested the local radio station to announce immediately that the chicken salad sandwiches bought there should be destroyed. Sandwich sales were immediately discontinued.

A total of 132 chickens were donated, boiled in private homes, and brought in the containers in which they were cooked to a preparation room at the festival. There 36 volunteers assisted in picking meat off the boiled chickens and mixing the ingredients. A total of 1,200 sandwiches was made and sold.

The operation began at 5:00 a.m. The first batch of sandwiches was delivered at 9:00 a.m. No illness was reported from ingestion of these sandwiches. A second batch was delivered at 11:00 a.m. All those becoming ill had eaten sandwiches purchased after this time.

Coagulase positive staphylococci were grown on culture from samples of the sandwiches served.

The number of volunteers assisting in the project and the lack of their addresses precluded further investigation.

(Reported by Leo W. Tucker, Director, St. Landry Parish Health Unit, and Charles T. Carraway, D.V.M., M.P.H., Assistant Chief, Section of Epidemiology, Louisiana State Board of Health.)

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

DECEMBER 1963 AND DECEMBER 1962

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area December 1963 and December 1962 - Provisional Data

Reporting Area	December		Cumulative Jan - Dec		Reporting Area	December		Cumulative Jan - Dec	
	1963	1962	1963	1962		1963	1962	1963	1962
NEW ENGLAND.....	39	52	476	551	EAST SOUTH CENTRAL.....	109	96	1,539	1,180
Maine.....	1	2	12	10	Kentucky.....	10	12	151	134
New Hampshire.....	-	-	5	12	Tennessee.....	34	29	400	334
Vermont.....	-	1	7	2	Alabama.....	56	41	695	575
Massachusetts.....	27	32	304	341	Mississippi.....	9	14	293	137
Rhode Island.....	1	-	20	27	WEST SOUTH CENTRAL.....	195	179	2,694	2,802
Connecticut.....	10	17	128	159	Arkansas.....	17	10	202	237
MIDDLE ATLANTIC.....	518	549	6,144	6,142	Louisiana.....	44	46	564	1,081
Upstate New York.....	70	58	716	641	Oklahoma.....	23	19	199	160
New York City.....	288	277	3,456	3,333	Texas.....	111	104	1,729	1,324
Pa. (Excl. Phila.).....	13	9	172	162	MOUNTAIN.....	43	28	488	373
Philadelphia.....	30	90	611	804	Montana.....	1	1	14	8
New Jersey.....	117	115	1,189	1,202	Idaho.....	1	-	8	4
EAST NORTH CENTRAL.....	157	201	1,969	1,785	Wyoming.....	1	3	16	3
Ohio.....	52	41	431	343	Colorado.....	4	7	37	73
Indiana.....	5	8	56	95	New Mexico.....	21	9	148	71
Dominate Illinois.....	7	12	120	126	Arizona.....	10	3	193	134
Chicago.....	47	91	848	864	Utah.....	-	-	15	8
Michigan.....	41	43	453	316	Nevada.....	5	5	57	72
Wisconsin.....	5	6	61	41	PACIFIC.....	223	186	2,286	1,882
WEST NORTH CENTRAL.....	41	31	491	410	Washington.....	6	10	124	44
Minnesota.....	4	1	75	57	Oregon.....	15	3	71	47
Iowa.....	3	3	30	46	California.....	200	173	2,063	1,770
Missouri.....	15	19	224	191	Alaska.....	1	-	8	5
North Dakota.....	-	1	4	5	Hawaii.....	1	-	20	16
South Dakota.....	9	-	39	25	U. S. TOTAL.....	1,724	1,752	22,268	21,067
Nebraska.....	6	5	60	30	TERRITORIES.....	70	39	841	513
Kansas.....	4	2	59	56	Puerto Rico.....	70	31	825	477
SOUTH ATLANTIC.....	399	430	6,181	5,942	Virgin Islands.....	-	8	16	36
Delaware.....	4	1	53	40					
Maryland.....	29	35	544	527					
District of Columbia.....	40	50	667	718					
Virginia.....	24	21	329	414					
West Virginia.....	8	3	47	47					
North Carolina.....	49	81	876	792					
South Carolina.....	46	42	721	784					
Georgia.....	64	74	1,061	988					
Florida.....	135	123	1,883	1,632					

Note: Cumulative Totals include revised and delayed reports through previous months.

SUMMARY OF DEATHS AMONG PERSONS 65 YEARS
AND OVER IN 108 U.S. CITIES

The weekly average number of deaths among persons 65 years and over in 108 cities for the four-week period ending January 25 was 7,445 as compared with an expected weekly average of 7,062.

SUMMARY OF DEATHS AMONG PERSONS 65 YEARS AND OVER
IN 108 U. S. CITIES

	Week Ending					4 Week Total	Weekly Average
	1/4	1/11	1/18	1/25			
Observed	7,517	7,837	7,192	7,233		29,779	7,445
Expected	7,012	7,051	7,081	7,102		28,246	7,062
Excess	505	786	111	131		1,533	383

DEATHS AT AGE 65 AND OVER IN 108 U.S. CITIES
Average Number per Week by Four-Week Periods

(See Table, page 35)

Area	Aseptic Meningitis		Encephalitis		Poliomyelitis, Total Cases				Poliomyelitis, Paralytic			
			Primary	Post-Inf.								
	1964	1963	1964	1964	1964	1963	Cumulative		1964	1963	Cumulative	
							1964	1963			1964	1963
UNITED STATES...	27	26	22	12	2	7	3	15	2	6	2	13
NEW ENGLAND.....	-	-	-	-	-	-	-	-	-	-	-	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	1	1	6	-	-	1	1	-	1	-	-	1
New York City.....	-	-	2	-	-	-	-	-	-	-	-	-
New York, Up-State.....	1	-	-	-	-	-	-	-	-	-	-	-
New Jersey.....	-	-	4	-	-	-	-	-	-	-	-	-
Pennsylvania.....	-	1	-	-	-	1	1	-	1	-	-	1
EAST NORTH CENTRAL...	5	2	2	5	-	2	-	6	-	2	-	5
Ohio.....	-	1	2	2	-	-	-	2	-	-	-	1
Indiana.....	-	1	-	1	-	-	-	-	-	-	-	-
Illinois.....	-	-	-	1	-	2	-	4	-	2	-	4
Michigan.....	5	-	-	1	-	-	-	-	-	-	-	-
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL...	3	-	2	-	-	1	-	1	-	1	-	1
Minnesota.....	3	-	-	-	-	1	-	1	-	1	-	1
Iowa.....	-	-	-	-	-	-	-	-	-	-	-	-
Missouri.....	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	2	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	4	1	5	4	2	-	3	-	2	-	2	-
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia.....	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	2	1	3	1	-	-	-	-	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina.....	-	-	1	-	-	-	1	-	-	-	-	-
South Carolina.....	-	-	-	-	-	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	-	-	-	-	-	-	-
Florida.....	2	-	1	3	2	-	2	-	2	-	2	-
EAST SOUTH CENTRAL...	1	3	-	-	-	1	-	1	-	-	-	-
Kentucky.....	1	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	1	-	-	-	-	-	-	-	-	-	-
Alabama.....	-	2	-	-	-	1	-	1	-	-	-	-
Mississippi.....	-	-	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL...	1	3	-	-	-	2	-	4	-	2	-	4
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	-	-	-	-	-	2	-	4	-	2	-	4
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-	-
Texas.....	1	3	-	-	-	-	-	-	-	-	-	-
MOUNTAIN.....	3	-	1	-	-	-	-	-	-	-	-	-
Montana.....	-	-	-	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	3	-	-	-	-	-	-	-	-	-	-	-
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	-	-	-	-	-	-	-	-	-	-	-
Utah.....	-	-	1	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	9	16	6	3	-	-	-	2	-	-	-	2
Washington.....	3	4	-	-	-	-	-	-	-	-	-	-
Oregon.....	-	-	-	1	-	-	-	-	-	-	-	-
California.....	4	12	6	2	-	-	-	2	-	-	-	2
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	2	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	-

Morbidity and Mortality Weekly Report

33

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 25, 1964 AND

JANUARY 26, 1963 (4th WEEK) - Continued

Area	Brucellosis		Diphtheria		Infectious Hepatitis including Serum Hepatitis						Typhoid Fever	
	1964	Cum. 1964	1964	Cum. 1964	Total	Under 20 years	20 years and over	Age Unknown	Cumulative			Cum. 1964
									1964	1963	1964	
UNITED STATES...	9	18	6	17	1,106	566	455	85	3,441	4,096	2	18
NEW ENGLAND.....	-	-	-	1	141	65	67	9	471	550	-	-
Maine.....	-	-	-	-	66	35	28	3	194	243	-	-
New Hampshire.....	-	-	-	-	11	4	5	2	55	42	-	-
Vermont.....	-	-	-	-	7	2	2	3	51	10	-	-
Massachusetts.....	-	-	-	1	35	15	20	-	83	181	-	-
Rhode Island.....	-	-	-	-	3	2	1	-	18	23	-	-
Connecticut.....	-	-	-	-	19	7	11	1	70	51	-	-
MIDDLE ATLANTIC.....	-	-	1	4	257	111	146	-	777	790	1	3
New York City.....	-	-	-	1	35	10	25	-	113	98	1	1
New York, Up-State.....	-	-	-	-	109	64	45	-	372	335	-	1
New Jersey.....	-	-	-	2	59	14	45	-	114	100	-	-
Pennsylvania.....	-	-	1	1	54	23	31	-	178	257	-	1
EAST NORTH CENTRAL.....	-	-	1	1	164	96	59	9	461	586	-	2
Ohio.....	-	-	-	-	35	17	15	3	136	192	-	1
Indiana.....	-	-	-	-	15	10	5	-	28	35	-	-
Illinois.....	-	-	1	1	17	9	6	2	47	73	-	1
Michigan.....	-	-	-	-	89	56	33	-	228	257	-	-
Wisconsin.....	-	-	-	-	8	4	-	4	22	29	-	-
WEST NORTH CENTRAL.....	7	13	-	4	57	34	12	11	203	187	-	-
Minnesota.....	-	-	-	-	4	-	4	-	9	39	-	-
Iowa.....	4	7	-	-	4	2	2	-	29	28	-	-
Missouri.....	-	3	-	-	17	13	4	-	48	72	-	-
North Dakota.....	-	-	-	-	12	10	2	-	13	4	-	-
South Dakota.....	3	3	-	-	1	1	-	-	13	6	-	-
Nebraska.....	-	-	-	-	-	-	-	-	7	14	-	-
Kansas.....	-	-	-	4	19	8	-	11	84	24	-	-
SOUTH ATLANTIC.....	1	1	1	2	111	69	38	4	316	523	1	7
Delaware.....	-	-	-	-	-	-	-	-	2	4	-	-
Maryland.....	-	-	-	-	20	12	8	-	56	39	-	-
Dist. of Columbia.....	-	-	-	-	1	1	-	-	3	20	-	-
Virginia.....	-	-	-	-	15	7	4	4	37	165	-	-
West Virginia.....	-	-	-	-	29	22	7	-	52	80	-	-
North Carolina.....	1	1	-	-	22	17	5	-	65	147	-	4
South Carolina.....	-	-	1	1	4	1	3	-	8	18	-	1
Georgia.....	-	-	-	-	1	1	-	-	6	13	-	-
Florida.....	-	-	-	1	19	8	11	-	87	37	1	2
EAST SOUTH CENTRAL.....	-	-	-	1	73	52	17	4	239	426	-	3
Kentucky.....	-	-	-	-	36	28	4	4	110	127	-	1
Tennessee.....	-	-	-	1	23	15	8	-	79	185	-	2
Alabama.....	-	-	-	-	9	6	3	-	35	55	-	-
Mississippi.....	-	-	-	-	5	3	2	-	15	59	-	-
WEST SOUTH CENTRAL.....	1	2	1	2	65	45	20	-	198	250	-	-
Arkansas.....	-	1	-	-	7	7	-	-	24	34	-	-
Louisiana.....	1	1	1	2	5	1	4	-	22	26	-	-
Oklahoma.....	-	-	-	-	8	7	1	-	15	15	-	-
Texas.....	-	-	-	-	45	30	15	-	137	175	-	-
MOUNTAIN.....	-	1	-	-	74	24	9	41	241	324	-	-
Montana.....	-	-	-	-	2	1	-	1	19	49	-	-
Idaho.....	-	-	-	-	2	-	-	2	16	42	-	-
Wyoming.....	-	-	-	-	-	-	-	-	3	3	-	-
Colorado.....	-	-	-	-	21	3	3	15	51	78	-	-
New Mexico.....	-	-	-	-	20	19	1	-	59	28	-	-
Arizona.....	-	-	-	-	20	-	-	20	49	73	-	-
Utah.....	-	1	-	-	7	1	5	1	38	48	-	-
Nevada.....	-	-	-	-	2	-	-	2	6	3	-	-
PACIFIC.....	-	1	2	2	164	70	87	7	535	460	-	3
Washington.....	-	-	2	2	28	11	13	4	75	58	-	-
Oregon.....	-	-	-	-	13	5	8	-	51	83	-	-
California.....	-	1	-	-	116	51	65	-	380	306	-	3
Alaska.....	-	-	-	-	7	3	1	3	21	8	-	-
Hawaii.....	-	-	-	-	-	-	-	-	8	5	-	-
Puerto Rico	-	-	-	1	1	1	-	-	4	20	1	1

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 25, 1964 AND

JANUARY 26, 1963 (4th WEEK) - Continued

Area	Measles	Meningococcal Meningitis				Streptococcal Sore Throat and Scarlet Fever		Tetanus		Tularemia		Rabies in Animals	
		1964	1964	Cumulative		1964	1963	1964	Cum. 1964	1964	Cum. 1964	1964	Cum. 1964
				1964	1963								
UNITED STATES...	6,985	48	190	202	10,078	9,470	5	19	7	36	81	241	
NEW ENGLAND.....	341	1	6	20	942	1,054	-	-	-	-	-	1	
Maine.....	39	-	-	3	137	100	-	-	-	-	-	-	
New Hampshire.....	3	-	-	-	2	14	-	-	-	-	-	1	
Vermont.....	104	-	-	1	37	2	-	-	-	-	-	-	
Massachusetts.....	65	-	1	7	135	144	-	-	-	-	-	-	
Rhode Island.....	31	-	-	3	69	121	-	-	-	-	-	-	
Connecticut.....	99	1	5	6	562	673	-	-	-	-	-	-	
MIDDLE ATLANTIC.....	1,816	8	30	21	385	509	-	-	-	-	7	12	
New York City.....	437	1	6	3	31	40	-	-	-	-	-	-	
New York, Up-State.....	446	3	12	7	239	246	-	-	-	-	7	11	
New Jersey.....	258	2	4	1	37	131	-	-	-	-	-	-	
Pennsylvania.....	675	2	8	10	78	92	-	-	-	-	-	-	
EAST NORTH CENTRAL...	1,640	11	26	40	1,027	1,017	-	3	1	4	11	24	
Ohio.....	294	4	10	12	165	186	-	1	-	1	7	15	
Indiana.....	295	2	3	10	99	203	-	-	-	-	2	3	
Illinois.....	502	2	4	3	153	123	-	1	-	1	1	3	
Michigan.....	431	2	7	9	391	224	-	1	1	1	-	2	
Wisconsin.....	118	1	2	6	219	281	-	-	-	1	1	1	
WEST NORTH CENTRAL...	141	2	7	7	406	384	-	-	2	9	25	77	
Minnesota.....	4	-	2	1	58	26	-	-	1	1	9	18	
Iowa.....	30	-	-	-	137	84	-	-	1	1	12	28	
Missouri.....	34	1	3	2	7	19	-	-	-	4	2	14	
North Dakota.....	69	-	1	1	58	127	-	-	-	-	-	6	
South Dakota.....	-	-	-	1	31	19	-	-	-	-	-	8	
Nebraska.....	4	-	-	2	-	-	-	1	-	-	2	3	
Kansas.....	NN	1	1	-	115	109	-	-	-	3	-	-	
SOUTH ATLANTIC.....	736	9	51	46	979	931	3	9	1	5	11	37	
Delaware.....	7	-	-	-	10	16	-	-	-	-	-	-	
Maryland.....	101	2	5	4	64	28	-	-	-	-	-	-	
Dist. of Columbia.....	19	-	-	1	7	3	-	-	-	-	-	-	
Virginia.....	193	1	5	10	324	362	-	-	1	3	8	28	
West Virginia.....	219	-	4	6	343	164	-	-	-	-	-	-	
North Carolina.....	14	2	8	9	29	41	-	3	-	-	-	1	
South Carolina.....	130	-	7	2	30	50	-	2	-	-	-	-	
Georgia.....	15	-	6	-	3	8	-	-	-	2	3	4	
Florida.....	38	4	16	14	169	259	3	4	-	-	-	4	
EAST SOUTH CENTRAL...	824	2	14	15	1,767	1,308	-	2	3	10	15	50	
Kentucky.....	431	-	4	4	236	74	-	-	-	1	2	9	
Tennessee.....	364	1	7	8	1,379	1,147	-	1	2	7	12	38	
Alabama.....	7	-	2	2	20	18	-	1	1	2	1	3	
Mississippi.....	22	1	1	1	132	69	-	-	-	-	-	-	
WEST SOUTH CENTRAL...	40	6	15	21	1,101	1,042	2	3	-	7	10	30	
Arkansas.....	36	2	3	2	-	-	-	-	-	1	1	7	
Louisiana.....	-	4	10	4	13	3	2	3	-	-	1	1	
Oklahoma.....	4	-	2	6	84	17	-	-	-	6	1	4	
Texas.....	-	-	-	9	1,004	1,022	-	-	-	-	7	18	
MOUNTAIN.....	232	3	14	6	2,036	1,784	-	-	-	1	-	5	
Montana.....	41	-	-	-	92	54	-	-	-	-	-	-	
Idaho.....	34	-	1	-	91	160	-	-	-	-	-	-	
Wyoming.....	6	-	1	-	31	194	-	-	-	1	-	-	
Colorado.....	28	3	6	2	792	441	-	-	-	-	-	-	
New Mexico.....	11	-	5	-	693	497	-	-	-	-	-	2	
Arizona.....	83	-	-	1	179	153	-	-	-	-	-	3	
Utah.....	23	-	1	3	157	284	-	-	-	-	-	-	
Nevada.....	6	-	-	-	1	1	-	-	-	-	-	-	
PACIFIC.....	1,215	6	27	26	1,435	1,441	-	2	-	-	2	5	
Washington.....	387	-	2	3	309	388	-	-	-	-	-	-	
Oregon.....	116	-	-	2	32	39	-	-	-	-	-	-	
California.....	544	5	23	18	1,028	911	-	2	-	-	2	5	
Alaska.....	165	-	-	3	42	65	-	-	-	-	-	-	
Hawaii.....	3	1	2	-	24	38	-	-	-	-	-	-	
Puerto Rico	83	-	-	-	6	-	-	-	-	-	-	-	

Table 4 (D). TOTAL DEATHS AMONG PERSONS 65 YEARS AND OVER IN REPORTING CITIES

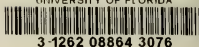
(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)^o

Area	For weeks ending				Area	For weeks ending			
	1/4	1/11	1/18	1/25		1/4	1/11	1/18	1/25
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.....	179	156	187	154	Atlanta, Ga.....	53	79	54	61
Bridgeport, Conn.....	31	24	23	25	Baltimore, Md.....	160	156	161	167
Cambridge, Mass.....	20	19	27	22	Charlotte, N.C.....	30	18	13	21
Fall River, Mass.....	23	25	17	21	Jacksonville, Fla.....	62	32	22	38
Hartford, Conn.....	40	28	31	22	Miami, Fla.....	65	51	60	59
Lowell, Mass.....	11	26	16	20	Norfolk, Va.....	22	48	21	37
Lynn, Mass.....	24	19	16	23	Richmond, Va.....	56	38	56	46
New Bedford, Mass.....	25	23	23	23	Savannah, Ga.....	7	19	26	14
New Haven, Conn.....	22	29	33	40	St. Petersburg, Fla.....	70	77	74	73
Providence, R.I.....	43	43	48	28	Tampa, Fla.....	61	77	52	32
Somerville, Mass.....	11	15	7	8	Washington, D.C.....	123	121	98	103
Springfield, Mass.....	27	28	43	32	Wilmington, Del.....	35	32	23	16
Waterbury, Conn.....	23	26	14	18					
Worcester, Mass.....	46	51	48	24					
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N.Y.....	24	29	20	24	Birmingham, Ala.....	65	65	51	47
Allentown, Pa.....	20	26	35	28	Chattanooga, Tenn.....	16	27	30	28
Buffalo, N.Y.....	76	93	87	96	Knoxville, Tenn.....	33	35	30	39
Camden, N.J.....	27	34	26	32	Louisville, Ky.....	47	122	81	79
Elizabeth, N.J.....	25	18	26	19	Memphis, Tenn.....	64	90	89	73
Erie, Pa.....	33	34	21	22	Mobile, Ala.....	27	21	26	27
Jersey City, N.J.....	48	46	45	44	Montgomery, Ala.....	17	19	24	28
Newark, N.J.....	57	68	41	94	Nashville, Tenn.....	65	75	58	61
New York City, N.Y.....	1,058	1,116	1,015	1,074					
Paterson, N.J.....	29	21	22	22	WEST SOUTH CENTRAL:				
Philadelphia, Pa.....	337	275	314	263	Austin, Tex.....	34	26	26	35
Pittsburgh, Pa.....	131	101	124	156	Baton Rouge, La.....	19	36	21	18*
Reading, Pa.....	49	43	37	43	Corpus Christi, Tex.....	12	19	8	11
Rochester, N.Y.....	64	75	53	64	Dallas, Tex.....	77	108	62	91
Schenectady, N.Y.....	14	27	29	17*	El Paso, Tex.....	12	26	18	27
Scranton, Pa.....	43	26	13	25	Fort Worth, Tex.....	46	61	46	41
Syracuse, N.Y.....	40	40	39	48	Houston, Tex.....	113	103	117	122
Trenton, N.J.....	34	35	31	35	Little Rock, Ark.....	27	49	37	27
Utica, N.Y.....	22	19	14	13	New Orleans, La.....	118	92	97	108
Yonkers, N.Y.....	28	21	17	23	Oklahoma City, Okla.....	45	67	50	52
					San Antonio, Tex.....	69	91	74	64
					Shreveport, La.....	42	29	40	20
					Tulsa, Okla.....	45	33	53	32
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.....	36	30	40	33	Albuquerque, N. Mex.....	14	14	17	17
Canton, Ohio.....	27	16	18	15	Colorado Springs, Colo.....	16	13	13	21
Chicago, Ill.....	460	427	400	407	Denver, Colo.....	85	75	86	77
Cincinnati, Ohio.....	118	134	107	111	Ogden, Utah.....	8	13	11	12
Cleveland, Ohio.....	134	131	113	132	Phoenix, Ariz.....	65	67	54	68
Columbus, Ohio.....	71	73	82	72	Pueblo, Colo.....	18	11	8	7
Dayton, Ohio.....	57	50	49	45	Salt Lake City, Utah.....	27	25	22	35
Detroit, Mich.....	223	241	193	188	Tucson, Ariz.....	25	27	25	25
Evansville, Ind.....	30	27	24	28					
Flint, Mich.....	33	19	31	22	PACIFIC:				
Fort Wayne, Ind.....	25	37	22	23	Berkeley, Calif.....	14	11	25	7
Gary, Ind.....	14	11	6	17	Fresno, Calif.....	27	29	32	33
Grand Rapids, Mich.....	31	69	35	29	Glendale, Calif.....	25	18	40	32
Indianapolis, Ind.....	85	100	83	87	Honolulu, Hawaii.....	14	13	27	24
Madison, Wis.....	12	26	9	19	Long Beach, Calif.....	46	36	53	40
Milwaukee, Wis.....	82	94	77	70	Los Angeles, Calif.....	340	309	330	331
Peoria, Ill.....	16	14	23	24	Oakland, Calif.....	45	54	57	49
Rockford, Ill.....	22	18	17	17	Pasadena, Calif.....	30	30	24	29
South Bend, Ind.....	28	28	40	30	Portland, Oreg.....	78	93	92	80
Toledo, Ohio.....	86	91	70	56	Sacramento, Calif.....	47	53	44	41
Youngstown, Ohio.....	47	52	36	39	San Diego, Calif.....	54	68	62	63
					San Francisco, Calif.....	117	109	109	117
					San Jose, Calif.....	28	25	33	8
WEST NORTH CENTRAL:					Seattle, Wash.....	90	96	96	101
Des Moines, Iowa.....	40	40	54	49	Spokane, Wash.....	26	40	34	36*
Duluth, Minn.....	15	22*	19*	20*	Tacoma, Wash.....	28	45	28	21
Kansas City, Kans.....	22	29	19	22					
Kansas City, Mo.....	107	100	88	90	San Juan, P.R.....	11	10	8	(--*)
Lincoln, Nebr.....	24	39	15	14					
Minneapolis, Minn.....	101	95	84	82					
Omaha, Nebr.....	29	54	46	42					
St. Louis, Mo.....	179	180	146	183					
St. Paul, Minn.....	41	58	48	42					
Wichita, Kans.....	36	24	51	32*					

^oCurrent Week Mortality for 108 Selected Cities*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

4(A) Total Mortality, all ages.....	12,983
4(B) Pneumonia-Influenza Deaths, all ages.....	599
4(C) Total Deaths under 1 Year of Age.....	799
4(D) Total Deaths, Persons 65 years and over.....	7,233



Viral Exanthema - Minnesota

An outbreak of an exanthematous disease, presumably of viral origin, was reported during late December-January in Rosemount (15 miles south of Minneapolis-St. Paul). The disease occurred chiefly in pre-school and school-age children, although one case in a woman in her mid-thirties was seen. The clinical course was commonly marked by a prominent rash and systemic symptoms. The onset was abrupt in children, occasionally with antecedent malaise; fever, sore throat and hoarseness were sometimes present. The rash, resembling a sunburn, appeared first on the cheeks and nose. The rash, sometimes itchy, spread to involve the forearms, arms, thighs, legs, and trunk. The initial lesion appeared to be maculopapular with a tendency to early coalescence and confluence. The rash lasted about a week. The systemic symptoms disappeared within a few days. No adenopathy, oral or pharyngeal lesions, or conjunctivitis was noted.

Multiple cases occurred within households; in one family 9 siblings were attacked sequentially.

Investigators stated that the disease did not appear to represent either rubella or *Erythema infectiosum*.

Laboratory studies are in progress.

(Reported by D. S. Fleming, M.D., Director, Division of Disease Prevention and Control, Minnesota Department of Health).

Dengue-like Illness - Puerto Rico

For the week ended January 25, a total of 632 cases of dengue-like illness was reported to the Puerto Rico Department of Health. Of this total, 563 were delayed reports.

(Reported by Rafael Timothee, M.D., Director, Preventive Medical Services, Puerto Rico Department of Health.)

INTERNATIONAL NOTES - QUARANTINE MEASURES

Cholera - Viet Nam

Viet Nam declared Saigon and 2 outlying provinces infected with cholera January 18. For the week ended January 25, there were 92 confirmed and 1,327 suspect cases in Saigon. The last case of cholera in Viet Nam was reported in 1963; the last epidemic, in 1948.

The Morbidity and Mortality Weekly Report, with a circulation of 10,500 is published by the Communicable Disease Center, Atlanta, Georgia.

Chief, Communicable Disease Center James L. Goddard, M.D.
 Chief, Epidemiology Branch A. D. Langmuir, M.D.
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 Asst. Chief, Statistics Section I. L. Sherman, M.S.
 Chief, Surveillance Section D. A. Henderson, M.D.
 Editor, MMWR L. K. Altman, M.D.

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

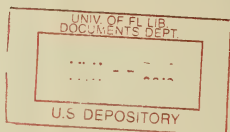
Lawrence K. Altman, M.D., Editor
 Morbidity and Mortality Weekly Report
 Communicable Disease Center
 Atlanta, Georgia 30333

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.

Symbols: --- Data not available

• Quantity zero

Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta, Georgia 30333.



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